JOINS AND UNION

Consider the Country table and Persons table that you created earlier (refer sorting and grouping data)

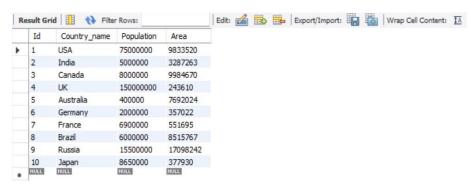
-- DESC country;



-- DESC persons;



-- SELECT * FROM country;



-- SELECT * FROM person



-- (1)Perform inner join, Left join, and Right join on the tables.

-- (A)INNER JOIN

SELECT Persons.Fname, Persons.Lname, Persons.Rating, Country.Country_name, Country.Population

FROM Persons

INNER JOIN Country ON Persons. Country Id = Country. Id;



-- (B)LEFT JOIN

SELECT Persons.Fname, Persons.Lname, Persons.Rating, Country.Country_name, Country.Population

FROM Persons

LEFT JOIN Country ON Persons.Country_Id = Country.Id;

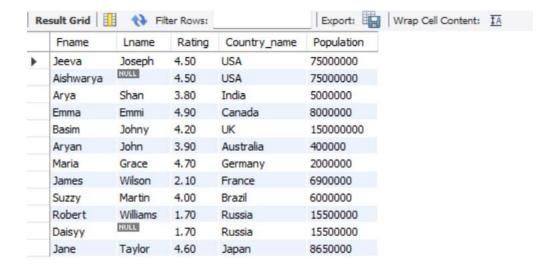


-- (C) RIGHT JOIN

SELECT Persons.Fname, Persons.Lname, Persons.Rating, Country.Country_name, Country.Population

FROM Persons

RIGHT JOIN Country ON Persons.Country_Id = Country.Id;

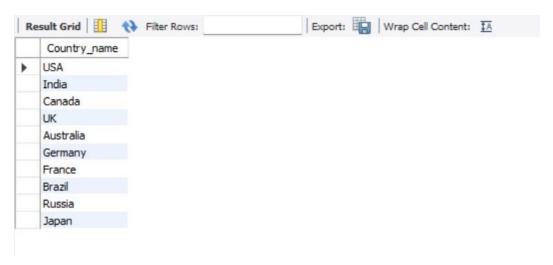


-- (2)List all distinct country names from both the Country and Persons tables.

SELECT DISTINCT Country_name FROM Country

UNION

SELECT DISTINCT Country_name FROM Persons;

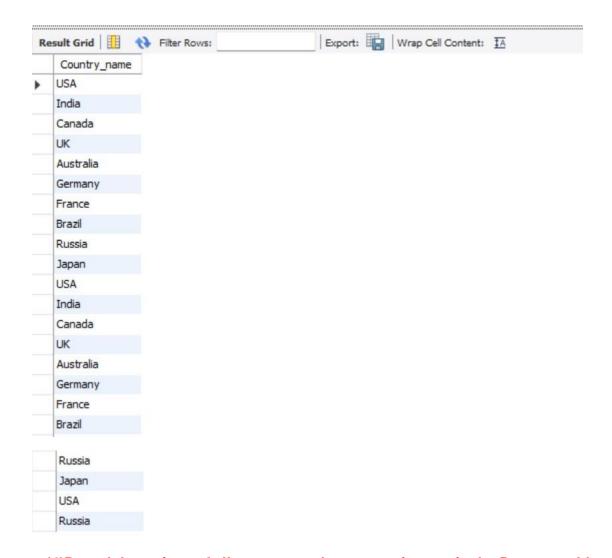


-- (3)List all country names from both the Country and Persons tables, including duplicates.

SELECT Country_name FROM Country

UNION ALL

SELECT Country_name FROM Persons;



-- (4) Round the ratings of all persons to the nearest integer in the Persons table

 ${\tt SELECT\,Id,Fname,Lname,ROUND} (Rating,0)\,{\tt AS\,RoundedRating}$

FROM Persons;

